

MESSRS THORNYCROFT & CO. LTD. YARD NOS 4108-4109.

PASS^R & CARGO VESSELS FOR KHEDIVIAL MAIL LINE.

DIMS: 340' 0" x 50' 0" x 20' 6" LOAD DRAFT.

"HYDROGAP" RUDDER. (BRITISH PATENT N° 448043.)

SCALES: $\frac{1}{2}"$ & $1" = 1'-0"$; AND 1 TO 8.

SPEED. 18 KNOTS LOADED.

RUDDER AREA. 83 SQ. FT.

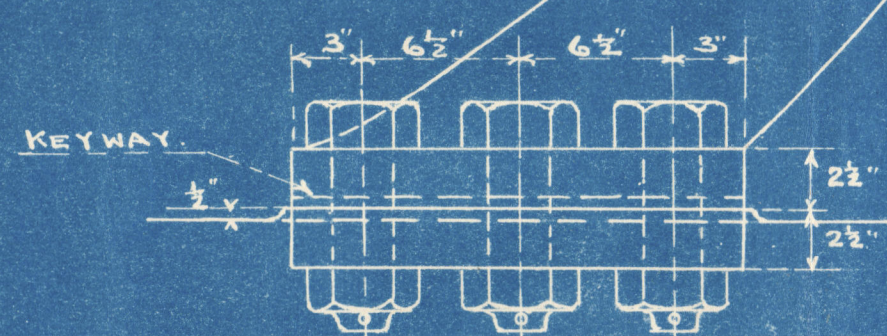
RUDDER HEAD 8 1/2" DIAM.

RUDDER FRAME OF CAST STEEL TO LLOYD'

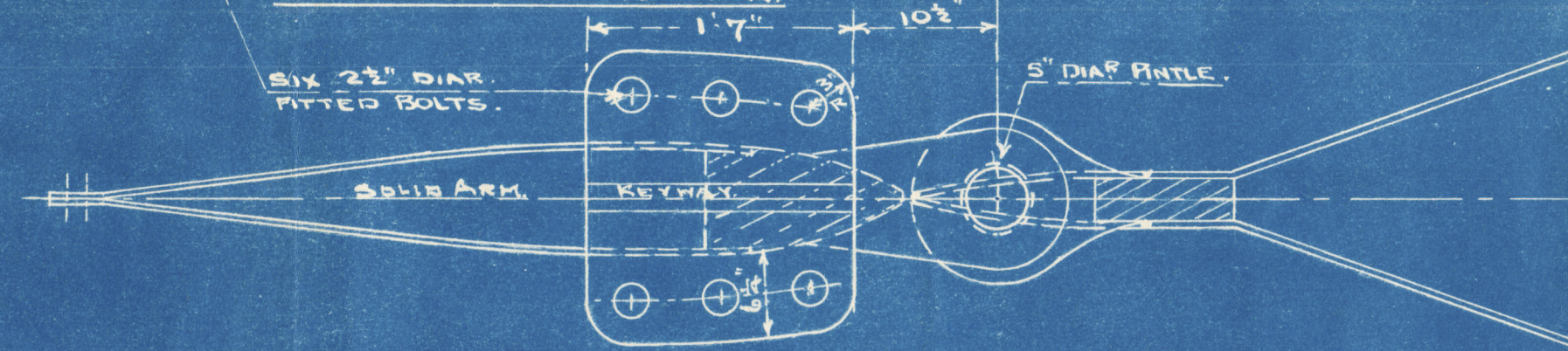
TESTS AND REQUIREMENTS.



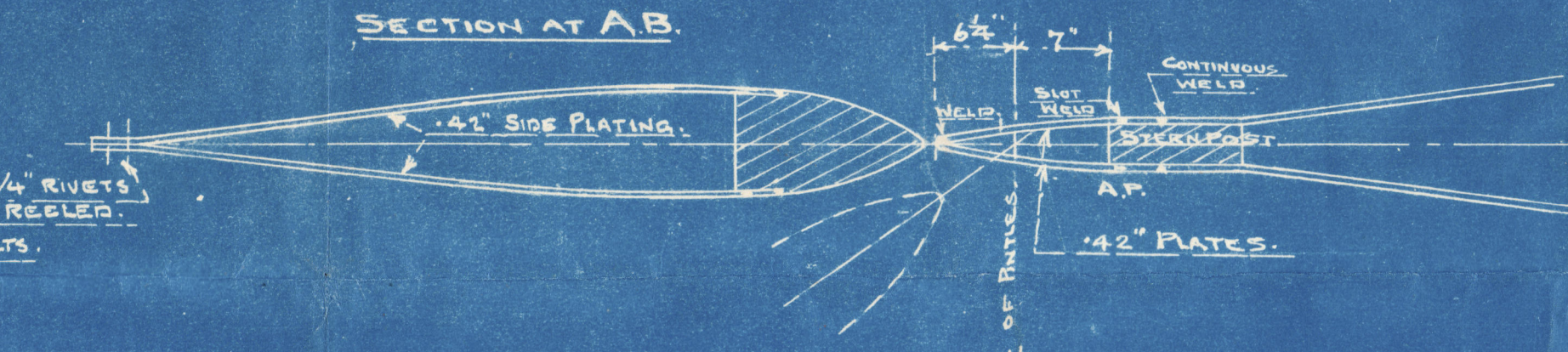
ELEVATION OF COUPLING
SCALE 1:8.



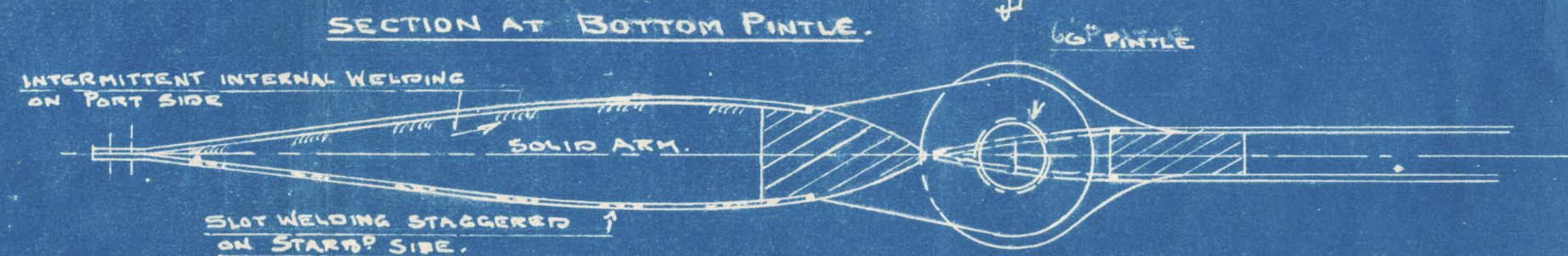
PLAN ON TOP OF RUDDER



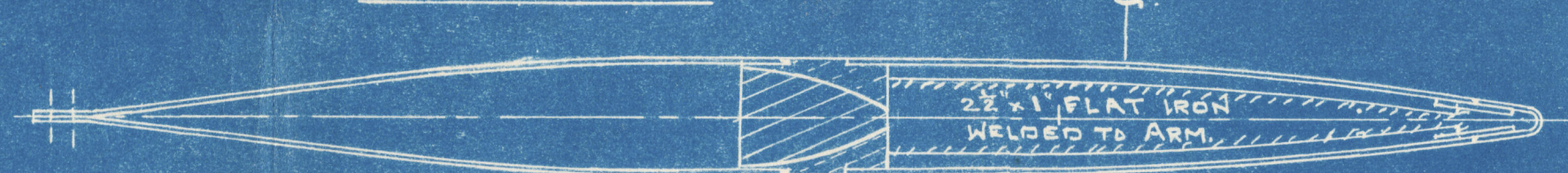
SECTION AT A.B



SECTION AT BOTTOM PINTLE



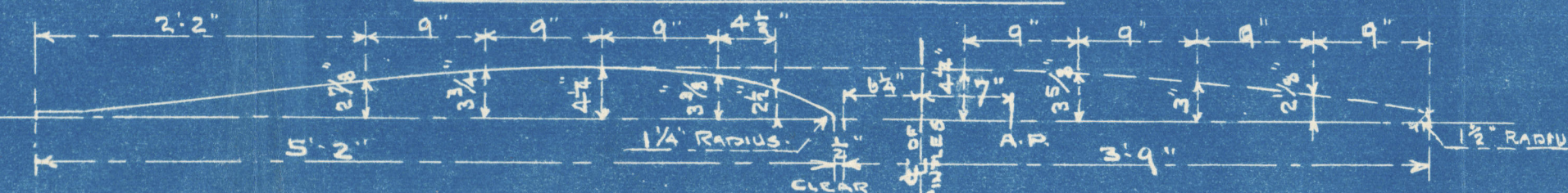
SECTION AT C.D.



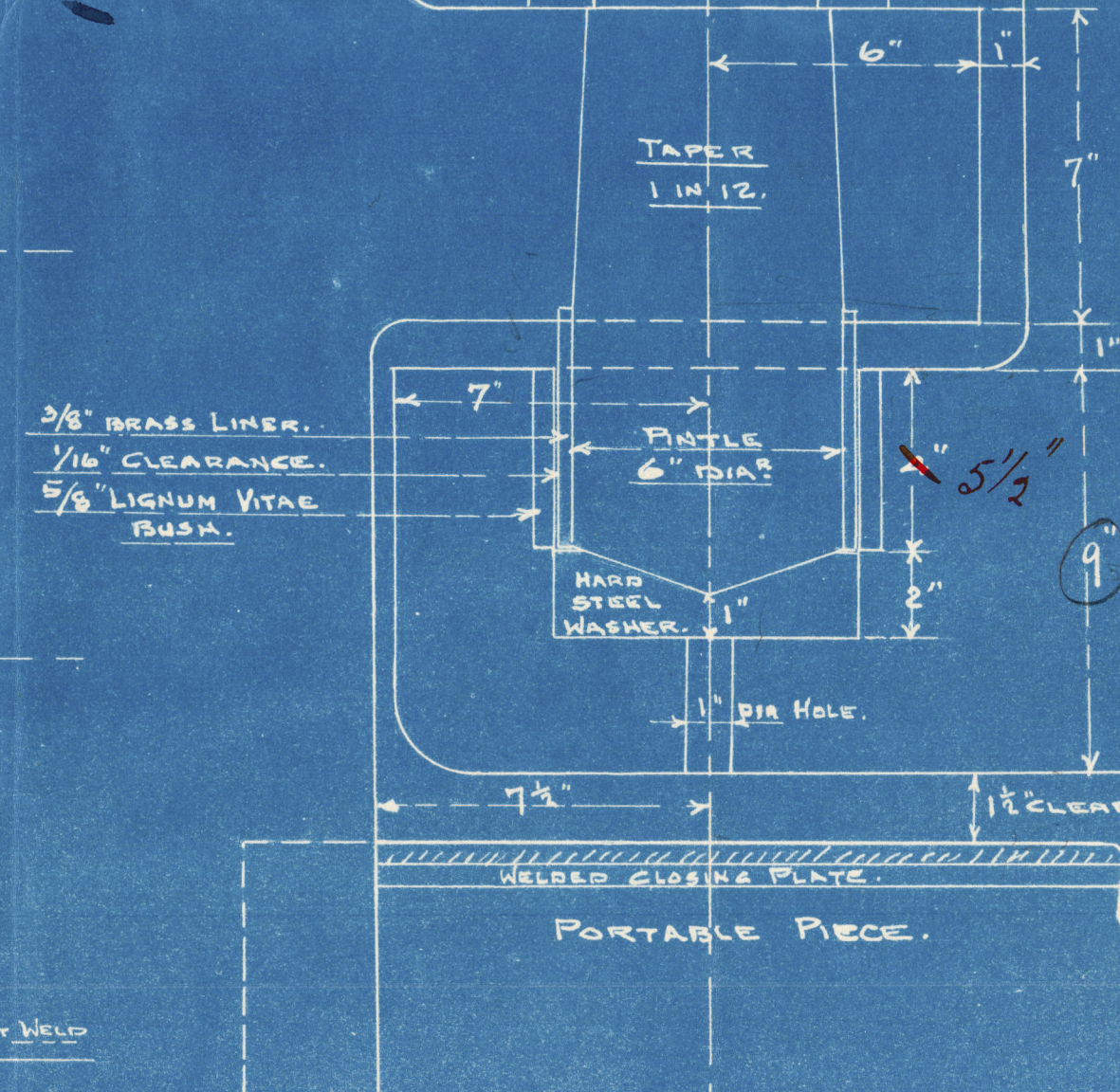
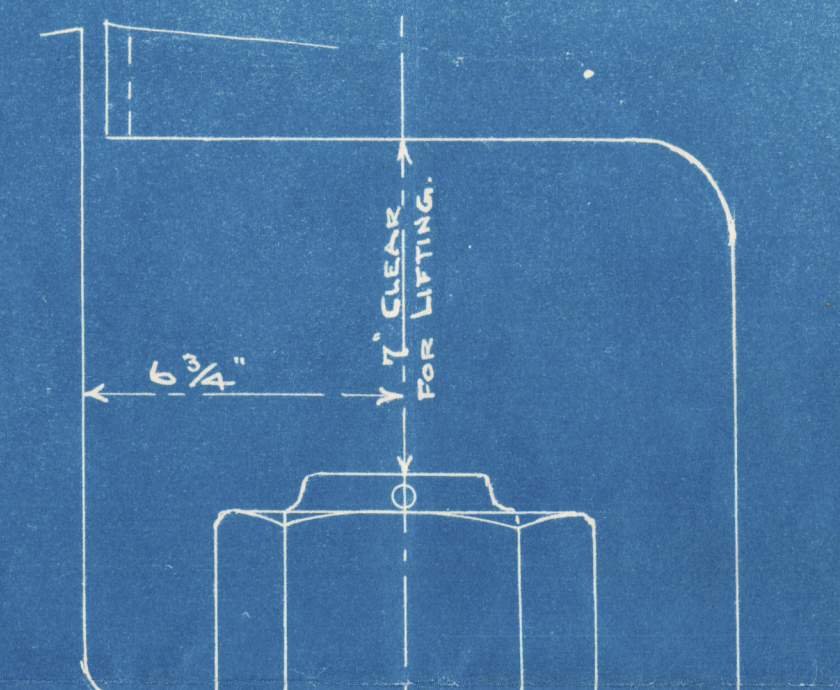
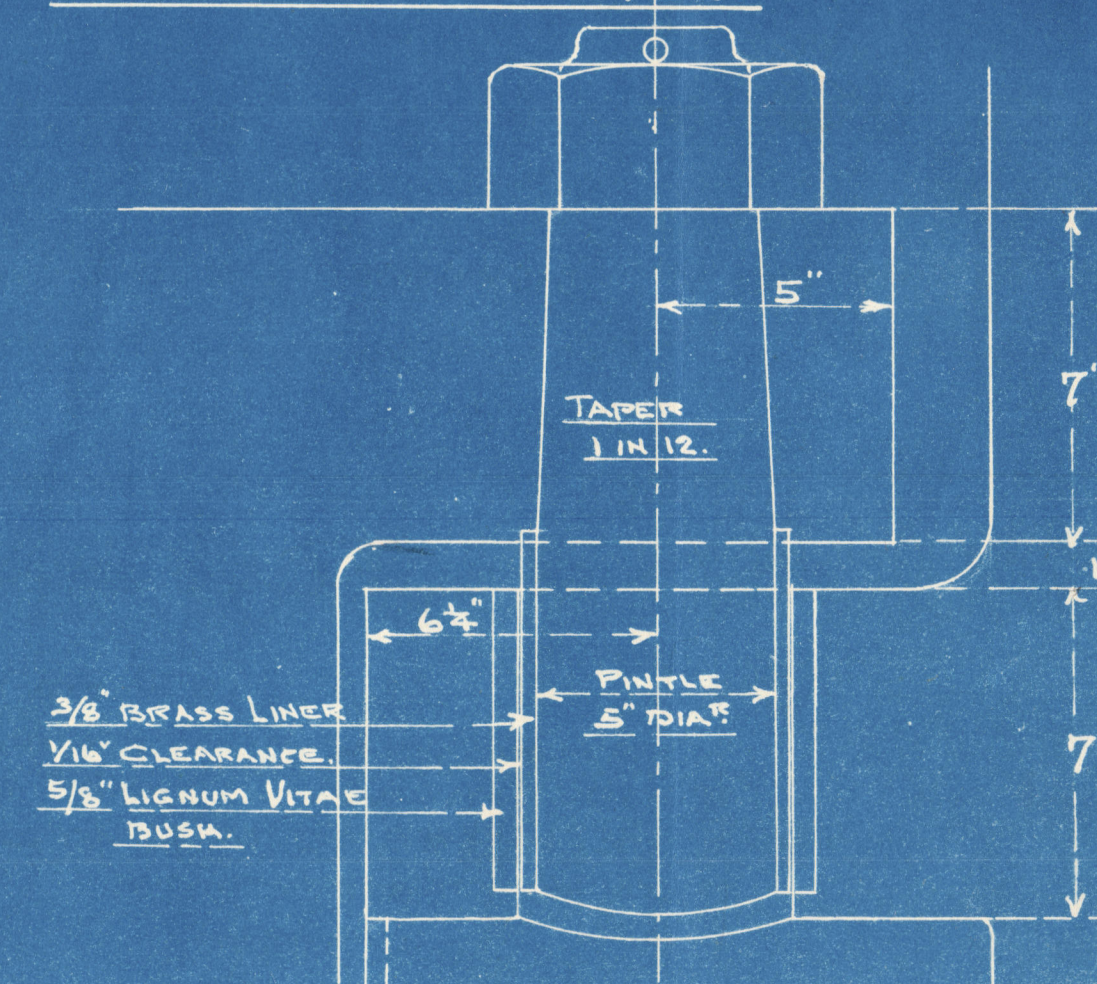
PLAN AT BOTTOM OF RUDDER



OFFSETS TO OUTSIDE OF PLATING.



DETAIL OF TOP PINTLE.



DETAIL OF BOTTOM PINTLE.

26.4.41

NAUTICAL SERVICES LIMITED.
GLASGOW:- 197 BATH ST. C2.
LONDON:- 23 LIME ST. E.C.3.

009192-009199-0034

"Heferute"

Ex

EL MALEK FOAD



Hydrogap rudder

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Lloyd's Register
Foundation

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